Cause and Effect Identification

Name: _____ Date: _____

📖 Read the passage carefully:

Emma had been working on her science fair project for weeks. She wanted to investigate how different types of music affected plant growth. Because she was so excited about her experiment, Emma started her project earlier than most of her classmates.

Emma set up three identical plants in separate pots. She placed them in the same sunny spot and watered them equally. However, each plant was exposed to different conditions: one listened to classical music for two hours daily, another heard rock music for the same duration, and the third grew in complete silence.

After forgetting to water the plants for three days during the school holidays, Emma noticed the leaves on all three plants had turned brown and droopy. She felt terrible and immediately began a regular watering schedule. Within a week, the plants had recovered.

By the end of the experiment, Emma discovered that the plant exposed to classical music had grown 3 centimetres taller than the others. Because of these impressive results, Emma won second place at the science fair. Her success inspired her younger brother to enter the fair the following year.

✏️ Identify the cause and effect relationships:

For each question, write the CAUSE and the EFFECT from the passage.

1. Why did Emma start her project earlier than her classmates?

Cause: _____

Effect: _____

2. What happened to the plants' leaves and why?

Cause: _____

Effect: _____

3. Why did Emma win second place at the science fair?

Cause: _____

Effect: _____

4. What effect did Emma's success have on her family?

Cause: _____

Effect: _____

5. How did the plants recover after turning brown?

Cause: _____

Effect: _____

💡 *Remember: The CAUSE is why something happened. The EFFECT is what happened as a result.*